

KENTUCKY TRANSPORTATION CABINET

Kentucky TRNS*PORT Information Series

SiteManager Materials Module

HVEEM Mix Design Window

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HVEEM Mix Design Window Description

HVEEM Mix Design window allows for the addition, modification, and approval of HVEEM Mix Designs. An HVEEM Mix Design may not be changed if it is approved. The test results on this window are used by SiteManager for comparison. An HVEEM Mix Design may also be downloaded for a specific contract.

Procedure

The Kentucky Transportation Cabinet will not use this window at this time.

DESCRIPTION FOLDER TAB

Description Folder Tab Description

Procedure

Field Table

Field Name	KYTC Population Policy & Procedure
Mix ID	The ID for the HVEEM mix. - KYTC will not be using this field.
Material Code	The transportation agency-defined ID for a material. This is the material code for the HVEEM mix. - KYTC will not be using this field.
Producer Supplier Code	The transportation agency-defined ID for a source/location of the material. Producer/Supplier Code must have an active status on the Producer Supplier table, when entered. - KYTC will not be using this field.
Designer Name	The name of the designer responsible for the HVEEM mix. - KYTC will not be using this field.
AC Type	Identifies the type of asphalt cement. - KYTC will not be using this field.
Mix Type	This describes the type of mix design (e.g., A, D, etc.) - KYTC will not be using this field.

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Field Name	KYTC Population Policy & Procedure
Effective Date	Effective date for the HVEEM mix. Defaults to current date when a new HVEEM mix is entered. - KYTC will not be using this field.
Termination Date	Date the HVEEM mix is no longer available for use. Must be greater than Effective Date. - KYTC will not be using this field.
Approved Date	A system generated date to identify when the HVEEM mix was approved. Defaults to current date when a HVEEM mix is approved. - KYTC will not be using this field.
Approved By User ID	A system generated value containing the user ID of the person approving the HVEEM mix. - KYTC will not be using this field.

PROPERTIES FOLDER TAB

Properties Folder Tab Description

Procedure

Field Table

Field Name	KYTC Population Policy & Procedure
Optimum AC % Tot Weight	Target value asphalt content weight of total mixture. - KYTC will not be using this field.
Stabilometer Value	Stabilometer value at optimum asphalt content. - KYTC will not be using this field.
Bulk Density	Weight per unit volume of mix at optimum asphalt content. - KYTC will not be using this field.
Bulk Density Unit Type	Unit of measure for bulk density at optimum asphalt content, (e.g. PCF) - KYTC will not be using this field.
Maximum Density	Unit weight of mix zero air voids at optimum asphalt content. - KYTC will not be using this field.
Maximum Density Unit Type	Unit of measure for Maximum Density (e.g. PCF) - KYTC will not be using this field.
Air Void %	Percentage of air voids in the compacted HVEEM mix at optimum asphalt content. - KYTC will not be using this field.
VFA %	Percent of VMA filled by the effective asphalt. - KYTC will not be using this field.

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Field Name	KYTC Population Policy & Procedure
VMA %	Percent voids in the mineral aggregate at optimum AC content. - KYTC will not be using this field.
Dust Asphalt Ratio	Ratio of material passing the #200 sieve to the optimum asphalt content. - KYTC will not be using this field.
Average Film Thickness	Average thickness of asphalt film that surrounds the aggregate. - KYTC will not be using this field.
Average Film Thickness Unit Type	Average thickness of asphalt film that surrounds the aggregate unit type. - KYTC will not be using this field.
Moisture Susceptibility	Ratio of conditional (wet) to dry tensile strength. - KYTC will not be using this field.
Bulk Specific Gravity	Bulk specific gravity of the mix at optimum AC content. - KYTC will not be using this field.
Maximum Specific Gravity	Maximum specific gravity of the mix at zero air voids. - KYTC will not be using this field.
Mixing Temperature	Mixing temperature. - KYTC will not be using this field.
Mixing Temperature Unit Type	Unit of measure for Mixing Temperature (e.g. Fahrenheit, Celsius) - KYTC will not be using this field.
Compaction Temperature	Compaction temperature. - KYTC will not be using this field.
Compaction Temperature Unit Type	Unit of measure for Compaction Temperature (e.g. Fahrenheit, Celsius) - KYTC will not be using this field.

MATERIALS FOLDER TAB

Materials Folder Tab Description

Procedure

Field Table

Field Name	KYTC Population Policy & Procedure
Material Code	- The unique identifier of a component material associated with the bituminous mix material with which the mix design will be associated. The full description for the highlighted material will display to the right of the material code. - KYTC will not be using this field.

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Field Name	KYTC Population Policy & Procedure
Producer Supplier Code	The unique identifier of the producer/ supplier approved to provide the component material for the bituminous mix material. The full name for the highlighted producer/supplier will display to the right of the code. - KYTC will not be using this field.
Brand Name	This is a freeform text field where the brand name of the component material may be entered. - KYTC will not be using this field.
Blend Percent	The percentage of the component material contained within the bituminous mix material. For the bituminous component material (asphalt cement), the blend percent will reflect the virgin asphalt cement only. - KYTC will not be using this field.
Sample ID	This field is populated with the unique identifier of a sample record created to capture test data during the evaluation process of the component material. - KYTC will not be using this field.
Specific Gravity (Apparent)	The apparent specific gravity of the component material contained within the bituminous mix material. - KYTC will not be using this field.
Specific Gravity (Bulk)	The bulk specific gravity of the component material contained within the bituminous mix material. - KYTC will not be using this field.

GRADATIONS FOLDER TAB

Gradations Folder Tab Description

Procedure

Field Table

Field Name	KYTC Population Policy & Procedure
Effective Date	The date the gradation specification becomes effective. Defaults to current date when a new set of material gradation specifications are created or copied. - KYTC will not be using this field.
Status	Identifies the current status of this sieve size record (e.g. active or inactive). Status defaults to active. - KYTC will not be using this field.
Sieve Size	AASHTO and ASTM standard sieve sizes (e.g. 1/2, No. 4). Sieve size required when Minimum or Maximum entered. - KYTC will not be using this field.
Sieve Value	The percentage of bituminous mix material passing through the sieve screen. - KYTC will not be using this field.

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Field Name	KYTC Population Policy & Procedure
Minimum Range	The beginning value for the gradation specification limit. - KYTC will not be using this field.
Maximum Range	The ending value for the gradation specification limit. - KYTC will not be using this field.
Min Production Tolerance	The minimum production tolerance value specification. This field is required when the Sieve Value field is populated. - KYTC will not be using this field.
Max Production Tolerance	The maximum production tolerance value specification. This field is required when the Sieve Value field is populated. - KYTC will not be using this field.